

From owner-qrp-1@Lehigh.EDU Wed Sep 4 23:12:11 1996
From: Dean Marzocca <n2tnn@ifu.net>
Subject: [3563] almost but not tonight
Message-ID: <322D0316.24CD@ifu.net>

Hi All,

Well I thought I had it all nailed down. 40 meters opened up here in NJ and I worked a station down in LA with 3 watts. Then out of the clear I hear AA7KF 559 signing /127 and no takers. I gave him a call back and he answered "agn". We worked with a bit of QRN. The power out on my FT 890 was set with OHR wattmeter but it was not in line during the QSO.

I thought I had the 1000 miles per watt but the computer says not so...

N2TNN Lat/Long = 40 29 24 N 74 28 35 W

AA7KF Lat/Long = 45 25 15 N 122 40 10 W

Output from "gc 40.2940N74.2858W 45.2525N122.4016W":

Bearing is 294 Degrees for 2105 Nautical Miles = 2422 Miles = 3898 Km

WOW!!! just about 600 miles short. Well I can't move any closer to the ocean, I'm about 20 miles away and my back in to the sand.

Way to go Bill, tnx for the effort and I will have the meter in line so I can turn down the heat and get it right the next time.

Tnx all for the great night

--

N2TNN's "HAM IT UP" 30 FT Cabin Cruiser via Barnegat Bay, NJ
FN20rm, Somerset, NJ ///10 M MARINEMOBILE///40 M QRP/MARINEMOBILE
MARINEMOBILE/WAS- MA,VA,OH,CT,TN,LA,OR,MI,WI,MO,NC
NJ-QRP#36,NORCAL#1239,QRP-L#560,QRP-ARCI#9232,Knightlites,CQC

From owner-qrp-1@Lehigh.EDU Wed Sep 4 23:12:11 1996
From: af852@rgfn.epcc.Edu (William R Colbert)
Subject: [3596] B&W and T2FD
Message-ID: <9609041913.AA14527@rgfn.epcc.Edu>

Re: question by W7LS, the B & W AC 1.8-30 is not the same or similar to the T2FD- it is basically a small version of the vertical half rhombic antenna and requires the counterpoise and ground system to work properly. The AC 1.8-30 does not begin to exhibit any gain until approaching 28-30 Mhz range (per TM 11-666). The B & W BWD 1.8-30 is the same/similar to the AC-3.5-30 (difference in low end freq range)

and is the commercial version of the much discussed T2FD antenna.
I understand SGC and Yaesu also have versions similar to the B & W antenna.

Nothing particularly different than other folded dipole antennas with the T2FD, except the 900 ohm load resistor, and the broadband characteristics.

--

Ray Colbert, W5XE/V31XE, El Paso, Tx

From owner-qrp-l@Lehigh.EDU Wed Sep 4 23:12:11 1996
From: Rick Zabrodski <zabrodsk@med.ucalgary.ca>
Subject: [3614] Back on list
Message-ID: <Pine.SUN.3.95.960904211242.28979B-100000@ume>

Just a note to say hello to everybody again. Kids back in school.
Have just replaced the computers, fax machines, and morphine that someone decided to remove from my office.
Coming to Chicago end of month. Any QRP-L suggestions about where to eat downtown? Should I bring a rig?

Dr. Rick Zabrodski BSc, MD, CCFP(E) MRO * VE6GK
Clinical Assistant Professor * NorCal 519 ARCI 7650 GQRP 8329
Faculty of Medicine, Univ. of Calgary * "Power is no substitute for skill"

From owner-qrp-l@Lehigh.EDU Wed Sep 4 23:12:11 1996
From: Grover & Doris T <SIXPENCE@worldnet.att.net>
Subject: [3602] Bearing/Distance Computations
Message-ID: <2.2.16.19960904155223.2ff7937e@postoffice.worldnet.att.net>

Good Morning all: Does anyone have a QBASIC B/D program that works for the World and that they are willing to share?

The one from ARRL OP Procedures Manual 4th ED. fails for locations outside of abt 60W to 90W.

The QRP-L CALLS2DIST is great for the states but I, and I believe others, would like to have a program that covers DX as well; also want to be free from using E-mail/web browser as vehicles for look-ups.

72 y Paz ..Grover KQ4AL Occoquan, VA USA

QRP/QSLs WAS = 34 DX= XE VE
QRO/QSLs WAS = 49(-Hawaii) DXCC = 62 IOTA = 27
<SIXPENCE@worldnet.att.net>

From owner-qrp-1@Lehigh.EDU Wed Sep 4 23:12:11 1996
From: "M. E. Monninger" <markem@primenet.com>
Subject: [3612] Cascade and NN1G 20M rig For Sale
Message-ID: <1.5.4.32.19960904195545.002ec438@mailhost.primenet.com>

Greetings all...

I've decided to offer my Cascade for sale. It's assembled and works well. Power out is about 8-9W on 80M and 3-4W on 20M as measured by my OHR WM-1 into a dummy load. The mods in the manual have been applied but that's about it. The case is still unpainted. I've QSO'ed with it but have not used it very much. Hoping to pass it along to someone who will use it more. I guess I'm more of a builder than a user. Price is \$175 including shipping and the RS speaker-mike I bought to go with it.

I also have an NN1G 20M xcvr for sale. It's the two-board rig that I bought from Dan's a while back. There's an article in the '95 handbook about this model. It's assembled and installed in a Radio Shack box, complete with all knobs & connectors. Works fine. I've used it more than the Cascade but still not a lot. Output is about 3W. Includes assembly instructions (not sure I could call it a 'manual') that came with it. Price is \$65 shipped.

The goal here is to get these rigs to someone who will use them and to finance a Sierra.

Please respond via email if interested.

Thanks & 73... Mark AA7TA markem@primenet.com

From owner-qrp-1@Lehigh.EDU Wed Sep 4 23:12:11 1996
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: [3566] CW Survey V1.0
Message-ID: <199609040518.FAA27800@chuck.dallas.sgi.com>

Gang,

This return of this survey is purely voluntary. Please email it back to Chuck Adams, K5FO, adams@sgi.com and not to the QRP-L list. This is Version 1.0. Please have it back to me by September 31st 2359UTC. Limit one per customer. Void where prohibited. Operators standing by...

Hopefully I thought of all the questions that will give us some useful info on what is going on the Morse side of the QRP-L World and maybe for hams in general. Please take the time to do this. Prove to the rest of the world that this group is indeed unique and really is doing something. Doug Hendricks says that the carrot in the form of valuable prizes won't work. :-) Let's beat the 188 entries from the last survey and I promise I won't do another for at least six months. OK?

Three things. There will be a random drawing in Oct at the NorTex Club Meeting for three separate prizes to be awarded as number one two and three in no particular order, one NorCal Partial Keyer Kit using the 8044ABM chip (with socket provided by K5FO) and an Envirotronic Iambic Paddle and a one year sub to QRPP (Doug didn't know about this). \$17 and \$65 and \$10 values respectively. In order to be eligible you must fill out the form correctly and you should have a QRP-L number. See the next paragraph.

If you do not have a number then you must be a subscriber and send the following email to LISTSERV@LEHIGH.EDU within the body place the line

RUN QRP-L X GETNR callsign

where callsign is your callsign.

On questions that require numerical answers, DO NOT put units after your answer. If your answer is 25 years, just put the number 25, please. It'll help the computer program analyze without my help.

For the Yes and No type questions, answer with a capital Y for yes and N for no. You may add comments at the last of the survey where so noted if you want to add additional information. Please put a single space before you answer so that it is not up against the question mark. This requires you to know about your software. Here I can't help you. Same thing on knowing how to get the survey back to me without inadvertently sending it to the world which will get you in a whole lot of trouble, and I don't mean from me. :-)

Do not add comments or qualifications to your answer on the same line as the answer, this complicates things and may disqualify your entry. If you need to add stuff, I did set aside a comment section at the end of the survey.

Make sure the answer is on the same line as the Q-number. Except as otherwise noted, like in lists, etc.

All returned surveys will be used only for the tally. They will not be

available and the information will be kept in confidence, like you won't have it announced to the group that you own the only know widget x-y-z known to mankind..... This includes the questions on military/govt training unless it is a violation of an agreement not to disclose this information. I don't want to be shot. :-)

I apologize for the number of questions. Just when you thought you'd never have to take another quiz.....

I'll post the results and they become public domain to be put in newsletters etc. Show the world that CW is alive and well. I have faith that you are all interested in this timely information.

-----start here-----

Q01. What is your call?

Q02. What is your QRP-L number?

Q03. In what year were you first licensed?

Q04. What is your current age (I won't tell)?

Q05. In what year did you learn CW?

Q06. Are you currently working on an upgrade?

Q06a. What is your current license class?

Q07. Do you regularly get on CW?

Q08. Do you refuse to operate phone?

Q09. Do you refuse to operate CW?

Do you think that CW should be eliminated as a requirement for any ham license?

Q11. Did you learn CW with a group?

Q12. If Q11 yes, was it military or govt?

Q13. If Q11 yes, was it commercial based like railroad etc.?

Q14. If Q11 yes, was it a ham club?

Q15. Did you learn CW on your own without human supervision?

Q16. Did you learn CW on with the aid of an Elmer or single individual?

Q17. Did you learn CW with the aid of an Instructograph or paper tape machine?

Q18. If you did, do you still own the equipment?

Q19. Did you learn CW with the aid of vinyl records?

Q20. If yes, give name of course(s):

Q21. Do you still have the course(s)?

Q22. Did you learn CW with the aid of audio records?

Q23. If yes, give name of course(s):

Q24. Do you still have the course(s)?

Q24a. What was the speed range(s)?

Q25. Did you learn CW with the aid of audio tapes?

Q26. If yes, give name of course or tapes:

Q27. Do you still have the course or tapes?

Q27a. What was the speed range(s)?

Q28. Did you learn CW with the aid of one or more computer programs?

Q29. If yes, give name of program or programs used, one per line:

Feel free to add lines if needed but keep the Q30 too.

Q30. Program Name:

Q30. Program Name:

Q30. Program Name:

Q30. Program Name:

Q31. Do you use or have you used a Morse tutor or other similar device?

Q31a. Manufacturer(s)?

Q32. Do you any of the methods to regularly improve or practice now?

Q33. If yes, please list:

Q33.

Q33.

Q34. Did you learn using more than one of the above methods?

Q35. List:

Q35. List:

Q35. List:

Q35. List:

After learning CW and obtaining a license did you get on the air to improve your CW abilities?

Q36. Did you feel this to be more productive than other means of improving you code speed?

Q38. Do you operate CW contests, FD or SS to improve or maintain your speed?

Q39. Have you used any on the air code practice sessions from ARRL?

Have you used any on the air CW practice sessions from sources other than ARRL such as local 2M code practice sessions?

Q40. If yes, list sources and add lines as necessary, one source per line:

Q40.

Q40.

Q41. Did you listen to UPI, API or other news services when in operation or commercial CW traffic?

- Q42. Have you participated in the ARRL Code-Proficiency runs?
Q43. If yes, what is your highest speed in wpm on a CP certificate?

Were you ever or currently a commercial CW/Telegraph operator, land or
Q44. sea based?

Q45. Were you ever or currently a military or service CW operator?

Q45a. How many years total?

Q46. Do you regularly copy CW using a pen or pencil?

Q47. What is your best receiving speed using pen or pencil?

Q48. If yes, do you print?

Q49. If yes, do you write cursively?

Q50. If yes, do you use the same hand as the one you use for sending?

Q51. Can you copy CW on a typewriter or using a keyboard?

Q52. Can you copy "in your head"?

Q53. Do you or have you operated mobile/aeronautical/marine CW?

Give your best and most accurate answer here. Hard copy means
either using a pen/pencil or typewriter or computer keyboard
with word processor so that you have a "permanent" record.

Q54. What was your best speed with hard copy on receiving in wpm?

Q55. What is your current speed with hard copy on receiving in wpm?

What is your highest speed on receiving in wpm if not using hard

Q56. copy?

Answer with a L for left and a R for right using a capital letter.

Q57. Which hand do you use for daily writing?

Q58. Which hand do you use most for sending CW?

Q59. What would you guess is your maximum sending speed (wpm) with a key?

Q60. What would you guess is your maximum sending speed (wpm) with a key?

Q61. What would you guess is your maximum sending speed (wpm) with a paddle?

Q62. Can you send CW with the other hand?

Q63. What with this hand is your maximum sending speed (wpm) with a key?

Q64. What with this hand is your maximum sending speed (wpm) with a key?

Q65. What with this hand is your maximum sending speed (wpm) with a paddle?

Q66. Do you prefer a bug over an electronic keyer?

Q67. Do you prefer non-Iambic keying with a keyer?

Q68. Do you prefer Iambic keying?

Q69. For Iambic keying do you prefer Mode A?

Q70. For Iambic keying do you prefer Mode B?

If you use Iambic keying, answer the following with two capital letters.

If you send with the right hand and use the thumb for a dit: RT

If you send with the right hand and use the finger for a dit: RF

If you send with the left hand and use the thumb for a dit: LT
If you send with the left hand and use the finger for a dit: LF
If you do not use Iambic: NA

Q71 answer.

Q72. Do you use a keyboard or computer for sending?

Q73. Do you use a computer or code reader for receiving?

Q74. List the keyers that you own, by manufacturer and model, one per line:
This includes those included within a rig or part of a rig.
Add as many lines as needed, but include the Q74 on each line.
If it is not too much trouble, put in order of preference with your
favorite as the first one.

Q74.

Q74.

Q74.

Q74.

Q75. List the straight keys, bugs, paddles that you own by manufacturer and
model, one per line: feel free to add as many lines as you need, but
please put with each line the Q42 so that the analysis program will
grab it.
If it is not too much trouble, put in order of preference with your
favorite as the first one.

Q75.

Q75.

Q75.

Q75.

Q76. Are you a collector?

Q77. List any keyboard keyers that you own.

Q77.

Q77.

For the purpose of unusual or original or humorous comments.

May I quote any of your comments in a general summary to the group if I do
COM> not give the source?

Comments: Limit five 80 character lines. :-)

COM>

COM>

COM>

COM>

COM>

Chuck Adams (K5FO CP-60) adams@sgi.com

From owner-qrp-1@Lehigh.EDU Wed Sep 4 23:12:11 1996
From: Roy Boggs <rboggs@pcc-uky.campus.mci.net>
Subject: [3589] How do I repay favors?
Message-ID: <2.2.32.19960904182337.0069e920@pcc-uky.campus.mci.net>

Brien Pepperdine (Canada), Bob Follett and others have snail-mailed me mighty good info at their expense and I would like to know what u guys think would be appropriate to reciprocate with?

You gotta admit it's awful nice of total strangers to go to the expense and hassle of copying/printing and mailing stuff. Couple of bucks, parts, or what, do u fellows think is fitting? There are some enormously nice folks in this group and I would like feedback on what is the 'traditional' way of saying a little more than 'thank you'.

72, Roy KE4KDT

From owner-qrp-1@Lehigh.EDU Wed Sep 4 23:12:11 1996
From: sigcom@juno.com (Stephen M Smith)
Subject: [3570] IBM keyboard
Message-ID: <19960903.211756.8311.5.sigcom@juno.com>

OK men, I am in a jam. Keyboard on my IBM notebook (360C) went bad today. Keys between F & J (yes, I am usin it now!) died. IBM not real freindly. Local yocals mite as well not be in business. Anybody know place to obtain one? Or place I can obtain special IBM -Y- adaptor cable for PS2 port so external keyboard can be used? Sorry for usin qrp air, but I am runnin out of ideas.

TNX es 73.....Steve, WB6TNL.

From owner-qrp-1@Lehigh.EDU Wed Sep 4 23:12:11 1996
From: sigcom@juno.com (Stephen M Smith)
Subject: [3587] IBM keyboard
Message-ID: <19960904.110620.8319.2.sigcom@juno.com>

Thanks to everyone who sent me mail re: my Thinkpad keyboard problem. I got hold of the right people at IBM and a new keyboard is on it's way to me. In the mean time, I found an adaptor @ Comp USA that allows use of an external keyboard w/ the Thinkpad. With IBM notebooks, you just can't plug in a standard keyboard, even if it has a PS2 connector, an adaptor

is required. Fortunately, my buddy who is not even in the computer business knows more about what Comp USA has in stock than the people who work there, and he told me exactly where to go in the store to get the gadget. Now I can get by with the external keyboard until the replacement unit arrives. So thanks again everyone. QRP-L to the rescue.

73.....Steve, WB6TNL QRP-L #621

From owner-qrp-l@Lehigh.EDU Wed Sep 4 23:12:11 1996
From: Mike Robinson <miker@cc.com>
Subject: [3599] Keep your number.
Message-ID: <9609041935.AA20590@voder.nsc.com>

You get to keep your original qrp-l number even if you unsubscribe then re-subscribe.

Twice now over the last several months, I have unsubscribed and re-subscribed. Today I sent for my number and I'm still #126.

```
=====
7.3 de Michael AA0UB      miker@cc.com      michael@frii.com
      http://www.frii.com/~michael
      QRP-L #126      Norcal #857      CQC #180
=====
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From owner-qrp-l@Lehigh.EDU Wed Sep 4 23:12:11 1996
From: Dan Keen <70731.722@CompuServe.COM>
Subject: [3567] keyers - tnx
Message-ID: <960904052817_70731.722_EHM39-2@CompuServe.COM>

> Thanks to all who responded to my request for opinions/info on keyers.
>
> All except one was for the Super CMOS III and one was for the MFJ
> Grandmaster Model 484.
>

I vote for the MFJ-493, as opposed to the 492 or the Grandmaster 484. Only one reason: it uploads and downloads memories in a flash from a PC using the

built in standard 25 pin serial port.

Dan

70731.722@compuserve.com

From owner-qrp-1@Lehigh.EDU Wed Sep 4 23:12:11 1996
From: chuckolson@juno.com (Chuck Olson)
Subject: [3582] LC Audio Filter Kits from Ed Wetherhold, W3NQN
Message-ID: <19960904.105859.4527.0.chuckolson@juno.com>

I just finished building a 750 hz center frequency CW filter kit from Ed, W3NQN. It is his passive design using surplus telephone toroids.

The filter is inserted between the rig audio output and the speaker. It works wonderfully, definitely the best \$22 I've ever spent on filters. The performance compares favorably to the Ten-Tec 208 ("8 pole") active filter or the Radio Shack DSP filter. Insertion loss is moderate - you just crank the volume control a little higher. It's also the most substantial (toroids are heavy) filter I've ever used.

The build is quite easy thanks to the prep work that is done on the plastic enclosure by Ed. The only tedious part is unwinding 106 turns from two of the toroids. Ed's 534 hz filter doesn't require any unwinding. Total construction time was about 4 hours.

More on this later.

Best Regards,

Chuck

WB9KZY

Washington Island, WI

From owner-qrp-1@Lehigh.EDU Wed Sep 4 23:12:11 1996
From: Dave Fifield <fifield@lan.nsc.com>
Subject: [3608] List of Mail Order Parts Suppliers
Message-ID: <322E16DA.EFF@lan.nsc.com>

Hey gang, I just found this wonderful list of parts suppliers that is a great reference:

http://www.paranoia.com/~filipg/HTML/LINK/F_mail_order.html

--

Dave Fifield, KQ6FR

From owner-qrp-l@Lehigh.EDU Wed Sep 4 23:12:11 1996
From: "Thomas J. Whalen" <whalen@swcp.com>
Subject: [3588] manual needed
Message-ID: <Pine.SUN.3.91.960904121752.10335A-100000@kitsune.swcp.com>

I just acquired a Ten Tec model 509 and could sure use a manual to borrow so I could make copies.

Thanks....Tom WB5QYT QRP-L # 640

From owner-qrp-l@Lehigh.EDU Wed Sep 4 23:12:11 1996
From: "Phil, AC6LS" <ac6ls@amsat.org>
Subject: [3571] need o-scope manual
Message-ID: <322D3BC1.6F8B@amsat.org>

am looking for the manual for a Tektronics 434 storage scope, If any one can be of assistance it would be appreciated.

tnx, 72/73 de Phil

From owner-qrp-l@Lehigh.EDU Wed Sep 4 23:12:11 1996
From: Dick Schneider <74602.3317@CompuServe.COM>
Subject: [3601] on 40m in canada
Message-ID: <960904194653_74602.3317_EHH73-6@CompuServe.COM>

QST...

I'll be on the air with 1 watt from Pender Harbor area north of Vancouver starting Saturday Sept. 7 thru Wed. Sept. 11. 7040+/- 5 or so. Early evening: 7-9 PDT. Rig: SW40, random wire, L-circuit tuner. I'll alternately call CQ and answer stations. All Qs appreciated. All rather casual.

72 Dick AB0CD/VE7
CQC#155

From owner-qrp-l@Lehigh.EDU Wed Sep 4 23:12:11 1996
From: "Bob Tellefsen-CNSE97" <Bob_Tellefsen-CNSE97@email.mot.com>

Subject: [3591] QRP Talk

Message-ID: <M1023531.001.7y060.1.960904173117Z.CC-MAIL*/OU=LMPCC10/OU=ILBE/
PRMD=MOT/ADMD=MOT/C=US/@MHS>

KN4SK de N6WG

Ray:

A couple of additions to your outline, if you wish.

Under 3. How to get on the air QRP, you could mention the many used QRP rigs that have been built from kits. Seems our kit builders like to build, use a while, then sell off so can they can get a new kit and do it all over again. Hi. They are frequently offered for sale or even trade right here on QRP-L.

Under 5. QRP Specific Contests, you could mention the NorCal QRP to the Field contest in April, and the NE QRP Club QRP Field Day on Sept 21 this year.

Under 6. Texts you could add Solid State Design for the Radio Amateur from ARRL. Also back issues of QST. There have been many QRP articles over the years. I believe the QST index is available on the I'net somewhere, so should make a search fairly straightforward. Maybe ARRL Hq or someone here can give you a reference to the index.

Under 6. e-mail you could add the Ham-Tech list and the Ham-Ant list.

Under 8. QRP Clubs, you should mention the NorthEast QRP Club (NEQRP) and the NorthWest QRP Club (NWQRP).

Under 10. Club Project you could consider the 40-9er. Relatively inexpensive, and a real boot when you get it working.

Hope this helps, Ray. I have to give a similar talk in October, so I'm going to build on your outline, rather than start from scratch. Thanks.

72, Bob N6WG

From owner-qrp-l@Lehigh.EDU Wed Sep 4 23:12:11 1996

From: Scott Rosenfeld NF3I <ham@w3eax.umd.edu>

Subject: [3594] RAC home page, operating in Canada

Message-ID: <Pine.3.89.9609041319.B7867-01000000@w3eax.umd.edu>

Canada's band plan and operating rules & regs are on RAC's home page, found at www.rac.ca.

I just thought that it would be an interesting thing to mention. Kinda

useful for travelers, too.

* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 *
*** 6m 75 grids worked on 8 watts *** HF 138 cfmd * QRP-L #147 ***
** QRP ARCI #9054 ** DXCC/WAS/WAC *** 100% dipole powered HF/6m **
* 301-549-1022 h / 301-982-1015 w *** 145.490- 147.225+ PL 156.7 *

From owner-qrp-l@Lehigh.EDU Wed Sep 4 23:12:11 1996
From: Dan Keen <70731.722@CompuServe.COM>
Subject: [3569] Real QRP Logging and Key
Message-ID: <960904052824_70731.722_EHM39-3@CompuServe.COM>

> I recently bought a Psion computer. If you don't know what these are
> then visit the Psion page at psion.com - in a nutshell: very small
> handheld computing power. The 1Mb Psion is available very inexpensively
> (\$175) right now if you know where to look. (Write to me for details)
>
> What makes this of use in a logging/contesting environment is to be
> found at <http://www.iaehv.nl/users/reinc/#PSIONSOFTE> - a contest keyer
> and duping log program that runs on a Psion (with a greyline clock
> thrown in to boot)! This is an incredible combination of miniaturization
> a
>Grover Cleveland > INTERNET:groverc@shasta.gvg.tek.com

For reference I have a 4 day old "Labor Day Sale" junk mail flyer from a local electronic chainstore which screams that they have the 1MB Psion for a final rebate price of \$499-75=\$425. Instead of \$175 Grover Cleveland mentioned he can supply information on how 2 get which I quoted above (write him, not me:

From owner-qrp-l@Lehigh.EDU Wed Sep 4 23:12:11 1996
From: bcutter@teal.csn.net (Bob Cutter)
Subject: [3575] Repair Sources
Message-ID: <199609041341.HAA00847@lynx.csn.net>

We are planning a help clinic at the ham club next week. I would like to have a list of repair sources available. If you have had a good, or bad, repair experience please give me the name, address, phone number and type of equipment repaired.

Someone suggested EEB but I do not have an address or phone number.

72, Bob KI0G
QBF? ZUE

Bob Cutter,Glenwood Springs, CO

KI0G

bcutter@teal.csn.net

From owner-qrp-1@Lehigh.EDU Wed Sep 4 23:12:11 1996
From: New TELIS User Name <ki6ds@mail.telis.org>
Subject: [3615] Sept. QRPp Progress
Message-ID: <Pine.SOL.3.91.960904201034.27659B-100000@homeroom>

I just got off the phone with the printer, and the latest word is that I should have the Sept. issue in Dos Palos by Sept. 15th. I will process them as fast as possible and get them on the way. Thank you for your patience and understanding. I have seen a proof copy as have several at the NorCal meeting on Sunday, and it looks good. The cover is a drawing of the new Wilderness Radio KC-2 Frequency Display, Keyer, Power Meter, and S Meter. 72, Doug, KI6DS

From owner-qrp-1@Lehigh.EDU Wed Sep 4 23:12:11 1996
From: Bensondj@aol.com
Subject: [3576] SSB Rig announcement
Message-ID: <960904093001_301060952@emout09.mail.aol.com>

Hi Gang-

Thanks to Jay, WA5WHN for posting info on the new White Mountain SSB rig to QRP-L! I had just begun sending out flyers and Jay was kind enough to put the good word out for general distribution.

I've received a number of inquiries, so I'll answer some of the common questions in this forum. The White Mountain board is double-sided, PTH and masked, measuring about 4.4 x 5.3". The enclosure itself measures about 1.5(H) x 5.6(W) x 5(D) and the board slides directly into the extrusion's side rails.

I avoided a proliferation of NE602s in this rig; there's only one. Other mixer functions use TUF-1 diode-ring mixers for good inherent LO suppression

and relatively high intercept points. This conservative approach accounts for the relatively high (120 mA) power supply idling current.

The receiver lineup is:

J309	preamp, low-gain
TUF-1	First Mixer
2N5109	Post-amp
	(4-pole filter)
MC1350	IF Amp
NE602A	Prod. Detector
LM380	AF Amp

As Jay mentioned, the microphone is not included, but it's the ubiquitous Icom/Yaesu (and compatible) HT speaker/ mike. What *is* included with the board kit, however, is the manual - It's presently at 27 pages and may grow slightly more before I begin shipping. It includes staged assembly instructions with partial checkout procedures.

Thanks to all who sent me e-mail! I'll get back to each of you as soon as I can, and feel free to contact me for information.

72, Dave Benson, NN1G
(Small Wonder Labs)

From owner-qrp-l@Lehigh.EDU Wed Sep 4 23:12:11 1996
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: [3574] Survey Typos
Message-ID: <199609041312.NAA28556@chuck.dallas.sgi.com>

OK gang, you caught me. :-)

Q59 and Q63 should be for a "bug". These fancy editors
dup lines just fine but don't know what I was going to
change but got interrupted.....

To err is human....

I left out two questions but we'll get them next year.

Q78. Do you prefer 1/4" plugs and jacks for the paddle?
Q79. Do you prefer 1/8" plugs and jacks for the paddle?
Q80. Do you use the tip for dah?

OK, so it's three. :-)

dit dit es enjoy

Chuck Adams (K5FO CP-60) adams@sgi.com

From owner-qrp-1@Lehigh.EDU Wed Sep 4 23:12:11 1996

From: "Michael Connor" <mikec@primenet.com>

Subject: [3593] The Telegraph Office

Message-ID: <199609041844.LAA04489@primenet.com>

Gang,

For those who might be interested in a bit of the history of telegraphy and keys, check out " The Telegraph Office" on the Web at:

http://fohnix.metronet.com/~nmcewen/techno_weenies.html

Interesting and informative stuff.:-)

Mike

NQ7K

From owner-qrp-1@Lehigh.EDU Wed Sep 4 23:12:11 1996

From: "Bob Tellefsen-CNSE97" <Bob_Tellefsen-CNSE97@email.mot.com>

Subject: [3590] Tuning tool

Message-ID: <M1023532.002.7y061.1.960904173117Z.CC-MAIL*/OU=LMPCC10/OU=ILBE/PRMD=MOT/ADMD=MOT/C=US/@MHS>

Mike:

I've had some success taking a broken plastic knitting needle I got from the xyl, and grinding a screwdriver blade on the end. Some of the plastic needles are fairly hard, and make good non-metallic screwdrivers.

72, Bob N6WG

From owner-qrp-1@Lehigh.EDU Wed Sep 4 23:12:11 1996

From: Marty Porter <mart@bga.com>

Subject: [3564] Unsubscribe

Message-ID: <199609040425.XAA04831@zoom.bga.com>

I hope this is the way to do this....

unsubscribe qrp-1

(Actually, I'm moving to another service provider, so I'll re-connect later.

From owner-qrp-1@Lehigh.EDU Wed Sep 4 23:12:11 1996
From: Dan Keen <70731.722@CompuServe.COM>
Subject: [3568] Walmart battery:Carefull
Message-ID: <960904052810_70731.722_EHM39-1@CompuServe.COM>

> Picked up a couple of the Walmart batteries (@\$15) here in Durham,NC and
> put one on a 18v/200ma wall_wart that I have for a W&W charger. The light
> came on fine and it appeared to be taking a charge. I noticed a sound
> coming from it when I went to check it several hours later and put my ear
> up to the case. It was the sound of BOILING acid inside the cells! So,
> folks, a word of caution, these batteries do NOT have auto-cut off
> circuit! In the future I will use my solar charger circuit when charging
> this<g>. 72,Dennis,WR4i

I do notice boiling when overcharging portable sealed lead-acid cells, but
never have when overcharging a gell cell. Upthread someone said that the
walmart used two 6 volt gell cells as opposed to it being a sealed lead-acid
product. Can anybody confirm that a gell cell battery will also boil?

Dan

Dan
70731.722@compuserve.com

From owner-qrp-1@Lehigh.EDU Wed Sep 4 23:12:11 1996
From: "Robert Palambo" <palambo@infowest.com>
Subject: [3606] Wants 509 manual
Message-ID: <199609042227.QAA18740@InfoWest.COM>

Whoever needed copy of 509 manual please e-mail
directly.

73 Bob K9ZWH
palambo@infowest.com

From owner-qrp-1@Lehigh.EDU Wed Sep 4 23:12:11 1996
From: lve1@inel.gov (Larry V East)
Subject: [3578] Water Soluble Flux
Message-ID: <2.2.16.19960904142831.272f1006@eloi>

>
>Back when I was a kid and worked in a shop assembling PC boards,
>we only used the water-soluble flux when doing "add-ons", which
>is adding components to PCBs that couldn't be wave-soldered or
>washed in the ultrasonic cleaner+freon. It was stressed to us
>the importance of removing the flux residue ASAP after soldering,
>since the flux is apparently an acid based flux and attacks the
>PCB quite readily.
>
>I wouldn't build a whole project with this flux, by the way. It
>is just too nasty.
>
Ain't no justice; try to be "environmentally correct" and look what you
get... ;-)

From owner-qrp-1@Lehigh.EDU Wed Sep 4 23:12:11 1996
From: Nick Franco <kf2ph@bnl.gov>
Subject: [3592] Yet Another TMPS Final Report
Message-ID: <322DCC4B.32C7@bnl.gov>

A little long. Hit DELETE if not interested.

Well it's over. Another TMPS in the record books. Thanks Chuck for the
idea and keeping it alive for us all. It definitely accomplished what it
was supposed to on this end. Before last year, I never went on 30
meters at all. I listened there once in 1993. Since signing onto
qrp-1, I've done many things in this hobby that were just dreams before.
In order to participate in last year's TMPS I had to order and build a
kit (NN1G SW-30). My first building job. Then work 30 meters, another
first. This list is great!! I have learned more about ham radio here
then I thought I ever would.

This year I had a ball. I worked several from the list here and enjoyed
every QSO I had. Even the DX contacts sometimes turned into a little
more than the standard 5NN TU. Stations asked me to QSL because I was
/M/QRP. Oh yeah, I worked all except 5 TMPS contacts from the car. I
ran my SW-30 for the first two weeks in the car at about 2 watts. Then

while taking it out of the car one day, I broke the DC jack and shorted it out. There went my 2N3553 final. I had to get on TMPS, so off the Radio Shack for one of their 2N3053 1 watt jobs. Fortunately my final is mounted in a socket, so a quick repair was made. Until the end of July I was running between 600 and 800 mW from the car for most of my TMPS contacts. Then I received 2 SC799 whatever finals from Dave, NN1G and I was back up to 2 watts mobile for the rest of TMPS.

So all that rambling aside....

I only made a total of 76 contacts. I may have not logged a few but it doesn't really matter. I wasn't going for any awards just fun. 21 states for WAS; 14 DX contacts; 25 Confirmed with QSL cards so far. I still have some cards to send out. Not too organized here lately:(Except for the 5 contacts I made from the Icom 728 at 2 watts, all remaining TMPS contacts were mobile using the SW-30 and 30 meter Hamstick on the back bumper of my Celebrity. Conditions were not the greatest at the times I travel to and from work (8:00-8:30 and 5:00-5:30). Only occasional ventures out of the house in my car yielded contacts in other time frames, and once in a while during lunch.

Well, that's it. Again, It Was A Blast! Can't for the FoxHunts on 40 again. I've been working on my NW-40 for this event.

72

Nick

KF2PH TMPS 1996 Q'S=076 States=021 Confirmed=25 DX=14

--

Nicholas J. Franco <>< BROOKHAVEN NATIONAL LABORATORY
Sr. Systems Specialist RHIC Project Building 1005
Tel: (516) 344-5467 UPTON, NY 11973-5000
Fax: (516) 344-3674 <http://www.rhichome.bnl.gov/People/franco>
Email: kf2ph@bnl.gov Ham Call: KF2PH QRP-L # 13 NE-QRP # 349

From owner-qrp-l@Lehigh.EDU Wed Sep 4 23:12:11 1996
From: Gary Surrency <gsurrenc@ix.netcom.com>
Subject: [3600] Re: alignment tools and electric demons, etc. (Long)
Message-ID: <322DC4B1.37CE@ix.netcom.com>

> chuck adams wrote:

>

> >

> > I bring this up as I am looking for a non-conducting non-magnetic

> > 4 to 6 inch tuning wand for adjusting those numerous variable

> > caps like NN1G, WE8KL, and others are using in their kits. :-)

> > -----SNIP-----

Chuck, look at Radio Shack's alignment kit R/S 64-2220. If it doesn't have what you're looking for, simply cut off one of the tools that has the approximate diameter of the screwdriver slot you want to adjust and file/sand it to a wedge tip. I like to use the wife's manicure emery board. It works better than a file, since the plastic has a tendency to "pull" rather than file, and the sandpaper forms the surface smoother and will fit in the alignment tool pocket pack as well.

I'm still looking for that perfect non-metallic tool that will turn the most obstinent screws, too. Some of them are real "buggers". Especially the little ceramic ones.

Anbody else here had a better idea?

=====
BTW, I once was putting the little rubber belts on my Heath SB101 xcvr many years ago and released the "electric demons". You may remember the little O-rings Heath used for belts to drive the pulleys on the driver/preselector and loading capacitor. Well, I had left the PA cage cover off from a tube replacement, (first Big mistake) and decided to put new belts on too.

My right hand was luckily grounded at the middle finger second joint, and my index finger accidentally bent over the PA cage and contacted 900+ DC on the 6146 plate cap. Pow! Next thing I remembered was I had fallen over backward in my chair on the floor and my right index finger was smoking and had a pea-sized hole in the end. And the room had a strange smell that must be familiar to some South America and Indonesian Indian tribes.

Although I was holding the chassis with my left hand (second Big mistake), most of the electrons passed thru my middle finger joint and out the index finger's tip. I had a red line on the middle finger to testify to that.

Other than seeing a bright flash, falling over in the chair, a smoking ruptured index finger tip, and Very sore arms/shoulders, I was OK. And very lucky. I was 17 years old. Almost didn't grow any older.

I bowed to the "electric demon", and never worked on anything that had more than 13.8V with the power on. I like the purple glow of an 0A2 as much as the next guy, just leave the PA cage cover on.

Just another reason to use QRP and solid-state gear. Bought a solid-state SB104 not long after that. (Which I still own.) Boy, 15m was sure good in those days (1971). Anybody ever work WB4LHU? That was my old call in FL.

vy 72/73s,

--

Gary, AB7MY QRP-L #571 Chandler, AZ (near Phoenix)Grid Square DM43BH

From owner-qrp-l@Lehigh.EDU Wed Sep 4 23:12:11 1996

From: hambrew@qadas.com (George De Grazio by way of n0ihm@starpoint.net (Wesley R. Jenson))

Subject: [3565] Re: Alive and well??

Message-ID: <199609040430.XAA06906@info.starpoint.net>

Wes-

It is still up for grabs which way the mag will go, although we are getting many offers of help from readers. If your sub. expires before spring, '97 issue, you can still renew to that point (i.e., \$2.50 X remaining issues to spring). We should know more about what will happen after spring by January or so. Thanks for your concern.

73,

George De Grazio, WF0K

hambrew

Just thought I would send this out for those interested or wondering about their subscription.

73

Wes, N0IHM

ARCI 7579

QRP-L 566

From owner-qrp-l@Lehigh.EDU Wed Sep 4 23:12:11 1996

From: rhigh@primenet.com (Roger Hightower)

Subject: [3572] Re: CW Survey V1.0

Message-ID: <199609041108.EAA24175@primenet.com>

Q01. What is your call? AA7QY

Q02. What is your QRP-L number? 62

Q03. In what year were you first licensed? 1990

Q04. What is your current age (I won't tell)? 60

Q05. In what year did you learn CW? 1949

Q06. Are you currently working on an upgrade? N

Q06a. What is your current license class? EXTRA
Q07. Do you regularly get on CW? Y
Q08. Do you refuse to operate phone? N
Q09. Do you refuse to operate CW? N
Do you think that CW should be eliminated as a requirement for any ham
Q10. license? N

Q11. Did you learn CW with a group? N
Q12. If Q11 yes, was it military or govt?
Q13. If Q11 yes, was it commercial based like railroad etc.?
Q14. If Q11 yes, was it a ham club?

Q15. Did you learn CW on your own without human supervision? N
Q16. Did you learn CW on with the aid of an Elmer or single individual? Y

Q17. Did you learn CW with the aid of an Instructograph or paper tape
machine? N
Q18. If you did, do you still own the equipment?

Q19. Did you learn CW with the aid of vinyl records? N
Q20. If yes, give name of course(s):
Q21. Do you still have the course(s)?

Q22. Did you learn CW with the aid of audio records? N
Q23. If yes, give name of course(s):
Q24. Do you still have the course(s)?
Q24a. What was the speed range(s)?

Q25. Did you learn CW with the aid of audio tapes? N
Q26. If yes, give name of course or tapes:
Q27. Do you still have the course or tapes?
Q27a. What was the speed range(s)?

Q28. Did you learn CW with the aid of one or more computer programs? N
Q29. If yes, give name of program or programs used, one per line:
Feel free to add lines if needed but keep the Q30 too.
Q30. Program Name:
Q30. Program Name:
Q30. Program Name:
Q30. Program Name:

Q31. Do you use or have you used a Morse tutor or other similar
device? N
Q31a. Manufacturer(s)?

Q32. Do you any of the methods to regularly improve or practice now? N
Q33. If yes, please list:
Q33.

Q33.

Q34. Did you learn using more than one of the above methods? N

Q35. List:

Q35. List:

Q35. List:

Q35. List:

After learning CW and obtaining a license did you get on the air
Q36. to improve your CW abilities? Y
Did you feel this to be more productive than other means of improving
Q37. your code speed? Y

Q38. Do you operate CW contests, FD or SS to improve or maintain your speed? Y

Q39. Have you used any on the air code practice sessions from ARRL? Y

Have you used any on the air CW practice sessions from sources other than
Q40. ARRL such as local 2M code practice sessions? N
If yes, list sources and add lines as necessary, one source per line:

Q40.

Q40.

Q41. Did you listen to UPI, API or other news services when in operation or
commercial CW traffic? N

Q42. Have you participated in the ARRL Code-Proficiency runs? N

Q43. If yes, what is your highest speed in wpm on a CP certificate?

Were you ever or currently a commercial CW/Telegraph operator, land or
Q44. sea based? N

Q45. Were you ever or currently a military or service CW operator? Y

Q45a. How many years total? 4

Q46. Do you regularly copy CW using a pen or pencil? Y

Q47. What is your best receiving speed using pen or pencil? 20

Q48. If yes, do you print? Y

Q49. If yes, do you write cursively?

Q50. If yes, do you use the same hand as the one you use for sending? Y

Q51. Can you copy CW on a typewriter or using a keyboard? Y

Q52. Can you copy "in your head"? Y

Q53. Do you or have you operated mobile/aeronautical/marine CW? Y

Give your best and most accurate answer here. Hard copy means
either using a pen/pencil or typewriter or computer keyboard
with word processor so that you have a "permanent" record.

Q54. What was your best speed with hard copy on receiving in wpm? 22

Q55. What is your current speed with hard copy on receiving in wpm? 22
What is your highest speed on receiving in wpm if not using hard copy? 28

Answer with a L for left and a R for right using a capital letter.

Q57. Which hand do you use for daily writing? R

Q58. Which hand do you use most for sending CW? R

Q59. What would you guess is your maximum sending speed (wpm) with a key? 16

Q60. What would you guess is your maximum sending speed (wpm) with a key?

Q61. What would you guess is your maximum sending speed (wpm) with a paddle? 28

Q62. Can you send CW with the other hand? Y

Q63. What with this hand is your maximum sending speed (wpm) with a key? 16

Q64. What with this hand is your maximum sending speed (wpm) with a key?

Q65. What with this hand is your maximum sending speed (wpm) with a paddle? 18

Q66. Do you prefer a bug over an electronic keyer?

Q67. Do you prefer non-Iambic keying with a keyer? N

Q68. Do you prefer Iambic keying? Y

Q69. For Iambic keying do you prefer Mode A? N

Q70. For Iambic keying do you prefer Mode B? Y

If you use Iambic keying, answer the following with two capital letters.

If you send with the right hand and use the thumb for a dit: RT

If you send with the right hand and use the finger for a dit: RF

If you send with the left hand and use the thumb for a dit: LT

If you send with the left hand and use the finger for a dit: LF

If you do not use Iambic: NA

Q71 answer. RF

Q72. Do you use a keyboard or computer for sending? N

Q73. Do you use a computer or code reader for receiving? N

Q74. List the keyers that you own, by manufacturer and model, one per line:

This includes those included within a rig or part of a rig.

Add as many lines as needed, but include the Q74 on each line.

If it is not too much trouble, put in order of preference with your favorite as the first one.

Q74. Super CMOS II

Q74. Logikey K-1

Q74. NorCal KC-1

Q74.

Q75. List the straight keys, bugs, paddles that you own by manufacturer and model, one per line: feel free to add as many lines as you need, but

please put with each line the Q42 so that the analysis program will grab it.

If it is not too much trouble, put in order of preference with your favorite as the first one.

Q75. Bencher BY-1

Q75. J-38

Q75. Military key w/leg straps

Q75.

Q76. Are you a collector? N

Q77. List any keyboard keyers that you own.

Q77.

Q77.

For the purpose of unusual or original or humorous comments.

May I quote any of your comments in a general summary to the group if I do

COM> not give the source?

Comments: Limit five 80 character lines. :-)

COM> I learned Morse at age 13 with a RR sounder, then went to real CW with radio

COM> and flashing light while in the Navy. 15 yrs after I retired, I passed the 5wpm

COM> after a challenge by a ham. Been a CW nut since then

COM>

COM>

Chuck Adams (K5FO CP-60) adams@sgi.com

NorCal 1099 CoQRP 176 QRP-L 62 G-QRP 9081 ARCI 8946 NE-QRP 383

From owner-qrp-l@Lehigh.EDU Wed Sep 4 23:12:11 1996

From: John_Kirby@atk.com (John Kirby)

Subject: [3597] RE: How do I repay favors?

Message-ID: <1996Sep04.141800.1180.148190@msm.atk.com>

-- favors are like smiles--

!!! PASS THEM ON !!!

72... N3AAZ/QRP

From owner-qrp-1@Lehigh.EDU Wed Sep 4 23:12:11 1996
From: PDouglas12@aol.com
Subject: [3603] Re: How do I repay favors?
Message-ID: <960904160448_515863641@emout12.mail.aol.com>

Roy,

Every day this list has nice things happening because of members helping members. It is normal, and most of us have subscribed to the thanks and thanks-forward method. That is, you say thank you to your benefactors, and then look for a chance to help someone else in need. When you help the next guy, you are thanking the people who helped you. It comes around back that way. Kinda like the golden rule in action, and that's the way it oughta' be.

72,

Preston WJ2V

From owner-qrp-1@Lehigh.EDU Wed Sep 4 23:12:11 1996
From: Bob Hirsch <bobh@p3.net>
Subject: [3604] Re: How do I repay favors?
Message-ID: <1.5.4.32.19960904210107.00678350@p3.net>

At 14:23 9.4.96 -0400, you wrote:

>Brien Pepperdine (Canada), Bob Follett and others have snail-mailed me
>mighty good info at their expense and I would like to know what u guys think
>would be appropriate to reciprocate with?
>

Roy --

Just do it for someone else. We all understand that the favors get passed around. That's how we keep it going.

73 de Bob, AA3ON

No Code, No HF....Know Code, Know HF!

From owner-qrp-1@Lehigh.EDU Wed Sep 4 23:12:11 1996
From: GREGOIRE@endor.com (ERNEST GREGOIRE)
Subject: [3610] Re: How do I repay favors?
Message-ID: <199609042305.TAA37862@nss2.CC.Lehigh.EDU>

> I would like to know what u guys think
>would be appropriate to reciprocate with?
>
>way of
>saying a little more than 'thank you'.
>
>72, Roy KE4KDT
>
>

Hello Roy and the Gang,

Just pass it on!

de AA1IK
Ernie

From owner-qrp-1@Lehigh.EDU Wed Sep 4 23:12:11 1996
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
Subject: [3611] Re: How do I repay favors?
Message-ID: <Pine.SOL.3.94.960904203519.6864F-1000000@utkux4.utcc.utk.edu>

On Wed, 4 Sep 1996, Roy Boggs wrote:
> [What] would be appropriate to reciprocate with?

Roy,

I cannot speak directly for the folks who were kind enough to go our of their way to provide the assistance you needed. However, let me pass on what my Dad, KA1TXF (ex-1ATG, ex-W1BUK) told me when I started out in ham radio:

Hams are the finest people in the world. They will give you the shirts off their backs, if you need one. They will not expect you to return the shirt, but if you have something another ham along the way may need, they will expect you to pass it on. And very soon, you will expect the very same thing.

And very soon, I did--and still do. From what I read daily on this network, I am not alone.

-73-

LB, W4RNL

From owner-qrp-1@Lehigh.EDU Wed Sep 4 23:12:11 1996
From: Stan Goldstein <stan@cruzio.com>
Subject: [3613] Re: How do I repay favors?
Message-ID: <322E434C.6398@cruzio.com>

Roy Boggs wrote:

>
> Brien Pepperdine (Canada), Bob Follett and others have snail-mailed me
> mighty good info at their expense and I would like to know what u guys think
> would be appropriate to reciprocate with?
>
> You gotta admit it's awful nice of total strangers to go to the expense and
> hassle of copying/printing and mailing stuff. Couple of bucks, parts, or
> what, do u fellows think is fitting? There are some enormously nice folks in
> this group and I would like feedback on what is the 'traditional' way of
> saying a little more than 'thank you'.
>
> 72, Roy KE4KDT
>
> .-

Thats an easy one..
just help the next guy down the line.

Stan , N6ULU

From owner-qrp-1@Lehigh.EDU Wed Sep 4 23:12:11 1996
From: Bernard Seront <seront@seism1.ess.sunysb.edu>
Subject: [3579] Re: HW-8 alignment
Message-ID: <2.2.32.19960904143340.00733e5c@seism1.ess.sunysb.edu>

At 03:31 AM 9/4/96 +0000, you wrote:
>A while ago, I picked up a HW-8 from a friend. Prime shape, and even has

>the original manual. Unfortunately, it needs a good alignment, and I don't
>have the alignment tools called for in the manual. I did manage to borrow a
>vintage VTVM (another Heathkit, built 1972), but that's only 1/2 the problem.
>

I did the job for mine (it didn't need any alignment, just for fun, :-)
with the TV alignment set (64-2220) from Radio Shack.
I had problems with one core: the tool was not long enough, or too thick,
can't remember. I got around the problem with a modified toothpick!

The RF probe can be built with RS components too: use a 1N34A (276-1123)
germanium diode.

Bernard, KB2TGH.

Bernard Seront, seront@seism1.ess.sunysb.edu (MIME ok)
<http://rock.ess.sunysb.edu:8080/>

From owner-qrp-1@Lehigh.EDU Wed Sep 4 23:12:11 1996
From: W3HMS@aol.com
Subject: [3598] Re: Misc. QRP Info Needed for Presentation
Message-ID: <960904153406_194277588@emout16.mail.aol.com>

Ray.....I would give some emphasis to the fun aspect and to the pride in
understanding/ building /using some "real radio" all the while saving some
money and not being a puppet of the commercial rig sellers jumping to their
tune rather than their own.

73,

John, W3HMS

From owner-qrp-1@Lehigh.EDU Wed Sep 4 23:12:11 1996
From: k5zty@hamgate2.w5-f6cnb.ampr.org
Subject: [3573] re:o-scope manual
Message-ID: <14297@sugarland.ampr.org>

Phil,
The source for all Techtronics manuals is;
Ed Matsuda, Test equipment Manuals

P.O.Box 390613
San Diego CA, 92149
(619) 479-0225 FAX (619) 479-1670

72,
Bill, K5ZTY

From owner-qrp-1@Lehigh.EDU Wed Sep 4 23:12:11 1996
From: "Robert J. Gobrick" <rgobrick@nfld.com>
Subject: [3607] Re: Portable Antennas
Message-ID: <2.2.32.19960904213140.00886290@public.compuserve.nf.ca>

Hi Joe,

I see you're getting into the light-weight antenna/antenna tower business - good because now you'll be able to get your trip to Dayton paid for - no excuses for not making FDIM 97' and maybe presenting a paper.

Cheers 73/72 Bob V01DRB/WA6ERB

At 08:11 9/3/96 -0400, you wrote:

>I wrote to the group here several weeks ago announcing availability of the
>Gusher-II in an e-mail entitled "One-pound dipole". They include everything
>you need with a preassembled center insulator (potted insulator, 30 feet of
>RG-122 and BNC connector), 100 feet of wire, a bunch of insulators and other
>hardware to make a single-or multi-band antenna. Oh yeah, a 13 page
>illustrated manual, too. Just cut the wires to length and you are on the air
>15 minutes from opening the package. \$20.00 PPD for the antenna (USA)

>

>More info? Send request to n2cx@voicenet.com

>

>72/73,

>

>Joe E., N2CX

>

>work: jeverhart@cayman.vf.mmc.com

>home: n2cxvoicenet.com

>

>

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-----
| Bob Gobrick - V01DRB/WA6ERB/VE2DRB - Newfoundland, Canada |
| QRP'er Galore - QRP ARCI, GQRP, NORCAL, NEQRP, COQRP, MIQRP, NWQRP |
| Internet:      rgobrick@nfld.com |
| Compuserve:   70466.1405@compuserve.com |
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From owner-qrp-1@Lehigh.EDU Wed Sep 4 23:12:11 1996
From: lve1@inel.gov (Larry V East)
Subject: [3581] RE: QRP CPU Upgrade
Message-ID: <2.2.16.19960904152826.27a71a24@eloi>

Since there appears to be no interest in the 486DX2/50 upgrade kit, it is being returned to the vendor for credit.

From owner-qrp-1@Lehigh.EDU Wed Sep 4 23:12:11 1996
From: "Frank G3YCC" <g3ycc@enterprise.net>
Subject: [3583] Re: QRP-L Still Alive??
Message-ID: <199609041705.SAA14758@mail.enterprise.net>

Just to give you an idea, I received 55 messages today, 3.9.1996. Similar number each day.

Hope of use.

--

Frank G3YCC
Ham Radio QRP Web Page:
<http://homepages.enterprise.net/g3ycc/>

From owner-qrp-1@Lehigh.EDU Wed Sep 4 23:12:11 1996
From: "Chris J. Cartwright - ELF" <dsc3cjc@imc220.med.navy.mil>
Subject: [3577] Re: Repair Sources
Message-ID: <Pine.3.89.9609041020.A751-0100000@imc220>

On Wed, 4 Sep 1996, Bob Cutter wrote:

> We are planning a help clinic at the ham club next week. I would like to
<snip>

> Someone suggested EEB but I do not have an address or phone number.

EEB (Electronic Equipment Bank)
323 Mill St
Vienna, Va 22180
800-368-3270
703-938-3350
703-938-6911 (FAX)

I've bought very little from them but been happy with quality/service/prices. They do seem to have a decent repair facility, although I've never run any equipment through there. Usually seem to have a decent stock on most things, and lotsa' "junk" in the showroom :)

73

```
-- Christopher Cartwright, Tech. Engineer    | ...our chief weapons are fear,  
-- Voice 301.295.0809      N3XRV             | fear and surprise, and nice  
-- Mail dsc3cjc@imc220.med.navy.mil         | red uniforms, oh damn!!  
--      ccart@erols.com                |      -- Monty Python
```

From owner-qrp-l@Lehigh.EDU Wed Sep 4 23:12:11 1996
From: Bill Acito 04-Sep-1996 1502 <acito@asdg.ENET.dec.com>
Subject: [3595] Re: SSB Rig announcement
Message-ID: <9609041903.AA16659@us1rmc.bb.dec.com>

...oh, sure; Just when I'm starting to beat down the backlog of construction projects.

: -)

b

. - I own my own words -
Bill Acito
acito@asdg.enet.dec.com
|d|i|g|i|t|a|l| Digital Equipment Corporation Hudson, MA

KC1GS qrp-ne qrp-l adv-rs arci norcal amsat-na arrl-life

From owner-qrp-l@Lehigh.EDU Wed Sep 4 23:12:11 1996
From: Ken Hanks <kenkd1xs@webconn.net>
Subject: [3586] Re: survey...who am I?
Message-ID: <199609041804.0AA23445@rabbit.webconn.net>

Jim:

Please update my e-mail address to Kenkd1xs@webconn.net QRP-L# 494

Tnx es 73

Ken Hanks

From owner-qrp-1@Lehigh.EDU Wed Sep 4 23:12:11 1996
From: Bob Hirsch <bobh@p3.net>
Subject: [3609] Re: TenTec TITAN and Commander 2500E
Message-ID: <1.5.4.32.19960904230033.006987f8@p3.net>

At 18:24 9.4.96 -0400, you wrote:

>Hello,
>pse does anybody know TenTec is still producing the TITAN linear amp.?
>
>and:
>
>could somebody, who has experience with the Commander 2500E, tell me his
>opinion about this amp.?
>Tnx and 73 de Hans

Hello Hans --

The regular Titan has been discontinued by Ten-Tec. BUT they are making one more run of the Titan, and calling it the Titan Gold series. They are taking orders now. You do not have to give them a deposit. They need a minimum of 50 to make the run. It is priced at US \$3375.

73 de Bob, AA3ON

No Code, No HF....Know Code, Know HF!

From owner-qrp-1@Lehigh.EDU Wed Sep 4 23:12:11 1996
From: Bob Hirsch <bobh@p3.net>
Subject: [3605] Re: Tuning tool
Message-ID: <1.5.4.32.19960904210558.0068e750@p3.net>

Easiest thing for tuning tools. Next time you put in an order with Small Parts, get an extra 1/4" shaft extension of either delrin or one of the other plastics they offer. They are cheap, about \$1, and come in a variety of lengths. Then just grind one end down flat, like a screwdriver blade.

73 de Bob, AA30N

No Code, No HF....Know Code, Know HF!

From owner-qrp-1@Lehigh.EDU Wed Sep 4 23:12:11 1996
From: "Dana H. Myers" <myers@bigboy.West.Sun.COM>
Subject: [3584] Re: Water Soluble Flux
Message-ID: <Roam.3.0.841857746.32579.myers@bigboy>

Larry East wrote:

> >Back when I was a kid and worked in a shop assembling PC boards,
> >we only used the water-soluble flux when doing "add-ons", which
> >is adding components to PCBs that couldn't be wave-soldered or
> >washed in the ultrasonic cleaner+freon. It was stressed to us
> >the importance of removing the flux residue ASAP after soldering,
> >since the flux is apparently an acid based flux and attacks the
> >PCB quite readily.
> >
> >I wouldn't build a whole project with this flux, by the way. It
> >is just too nasty.
> >
> Ain't no justice; try to be "environmentally correct" and look what you
> get... ;-)

As I recall, the shop was already using a water-soluble flux for the
wave machine, which was the vast majority of volume the shop did. The
wave flux required vigorous washing in water.

So, the hand assembly was washed in freon and the wave assembly washed
in water, but both had add-ons done with that nasty acid-flux solder.

Dana KK6JQ
Dana@Source.Net

From owner-qrp-1@Lehigh.EDU Wed Sep 4 23:12:11 1996
From: "Rafael Garcia (EA4RJ)" <tie@bitmailer.net>
Subject: [3580] Re: [3505] the labor day sprint
Message-ID: <Pine.LNX.3.91.960904111913.236A-100000@ea4rj.ampr.org>

On Mon, 2 Sep 1996, jim seeber wrote:

> Was glad to have time this year to join in,
> it was a battle on 40 with the nets moving
> traffic and spanish ssb, but thats the kind
 ^^^^^^

Can I assume you refer to Central America operators rather than amateurs from Spain?

Rafael, <http://usuarios.bitmailer.com/tie>
Madrid (Spain)

From owner-qrp-1@Lehigh.EDU Wed Sep 4 23:12:11 1996
From: Raymond Tougas <tru_blu@worf.omn.com>
Subject: [3585] Re: [3505] the labor day sprint
Message-ID: <322DCE03.1D2C@worf.omn.com>

Rafael Garcia (EA4RJ) wrote:

>
> On Mon, 2 Sep 1996, jim seeber wrote:
>
> > Was glad to have time this year to join in,
> > it was a battle on 40 with the nets moving
> > traffic and spanish ssb, but thats the kind
> ^^^^^^
>
> Can I assume you refer to Central America operators rather than amateurs
> from Spain?
>
> Rafael, <http://usuarios.bitmailer.com/tie>
> Madrid (Spain)

Rafael,

You are so right! Around here we have incompatible band plans with SPANISH SPEAKING countries in south and central America. This makes our 40 meter band a little difficult to use sometimes. People here often don't realize between Mexican, Guatemalan, Chilean and SPANISH! I know people who refer to Mexican Rasuarants as SPANISH restaurants.

In my opinion, if we had loud SPANISH stations on 40 meters here, I

wouldn't call it QRM. I'd call it DX!

>Ray